

# **Foundations & Structures Landfill**

## **Fidler Hill Road Woodbine Borough Cape May County**

**BLOCK: 117 LOT: 1**

**Community Relations Coordinator: Mark Herzberg (609) 633-1369**

### **SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:**

Foundations and Structures (F&S) Landfill operated a sanitary landfill at this site between 1971 and 1985 under a lease agreement with the Borough of Woodbine, which owns the property. Although the size of the landfilled area is unknown, it is estimated to encompass 30 to 50 acres of the 95-acre lot. The landfill is generally flat and level with the adjacent terrain. Parts of the site are covered with sand, while other portions support trees and other vegetation. The surrounding areas are largely undeveloped with the exception of the Woodbine Municipal Airport, which is located just southeast of the site. While the F&S Landfill was in operation, municipal solid waste, septic waste, sewage sludge, demolition debris and other wastes were buried in trenches that extended to just above the water table. F&S Landfill was scheduled to terminate disposal activities when the Cape May County Landfill, then a state-of-the-art regional landfill, opened in 1984; however, F&S continued to accept wastes until late 1985, when NJDEP ordered the facility shut down. The operators did not properly close the landfill after operations ceased. Sampling of on-site monitor wells conducted in 1999 indicated the ground water is contaminated with benzene, chlorobenzene and arsenic at levels exceeding New Jersey Ground Water Quality Standards.

NJDEP's Remedial Response Element is implementing closure actions at the landfill to prevent the release of methane, a greenhouse gas, from the waste fill and mitigate the impact of landfill leachate on the environment. NJDEP completed pre-design investigation activities in 2002 and is reviewing the findings of the investigation.